

AMENDMENT TO THE DRAWINGS

Please amend sheet 1, Fig. 1, of the drawings to re-label the two views appearing thereon as Fig. 1A and Fig. 1B. A proposed corrected formal replacement sheet is enclosed herewith.

AMENDMENT TO THE SPECIFICATION

Please amend the Specification, page 5, line 16 – page 6, line 13, as indicated hereinafter where the changes are shown by strikethrough for deleted matter and underlining for added matter.

Figs. 1A and B ~~is-a-are~~ schematic views of an embodiment of a foam-filled dispensing apparatus, a top view being illustrated in Fig. 1A and a side elevational view being illustrated in Fig. 1B.

Fig. 2 is a perspective view of an embodiment of the static mixer and the tire and wheel assembly.

Fig. 3 is schematic view of an embodiment of a static mixer.

Figs. 4 A and B ~~is-are~~ a flow diagram that illustrates an embodiment of the process for flatproofing a tire and wheel assembly carried out by the apparatus of Figs. 1-3.

DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENT

Referring now to the drawing figures, wherein like reference numerals represent like parts throughout the several views, an exemplary embodiment of an apparatus for producing foam-filled flatproofed tire and wheel assembly of the present invention is illustrated in Figs. 1-3. Referring to Figs. 1A and B, the foam-fill dispensing apparatus 100 comprises supply lines 102A-B for supplying reactant materials for creating the foam-fill, respective pumps 106A-B for delivering the reactant materials, a nucleating compressor (not shown), static mixer 116 which receives the polyurethane reactant materials delivered by pumps 106A-B, and optionally a work table 114. The apparatus 100 is coupled to the reactant material containers 108A-B. The reactant materials stored in containers 108A-B are used to make the flexible, lightweight foam for the tire and wheel assembly 208 (shown in Fig. 2) that replaces the inflating air in the tire and wheel assembly 208. The reactant materials are supplied to the mixer head 104 coupled to the static mixer 116 via the pumps 106A-B. The reactant materials travel through supply lines 102 to static mixer 116. The pumps 106A-B can be mechanically coupled to supply the desired amount and ratio of materials needed to flatproof the tire and wheel assembly 208 from

containers 108A-B to the static mixer 116. The pumps 106A-B can be controlled by a control panel (not shown). The static mixer 116 is described in more detail with reference to Fig. 3. These components can be mounted to a wheeled cart assembly 110 to allow the apparatus to be portable.